LISTING OF CLAIMS

This "Listing of Claims" will replace all prior versions and "Listings of Claims" in this patent application.

1. (Currently Amended) A method, comprising:

parsing at least a first portion of a base portion of an electronic document;

creating a first context node associated with a the first portion of a the base portion of an the electronic document, wherein the first context node includes information identified during the parsing of the first portion;

parsing at least an annotation to the base portion;

creating a second context node associated with an the annotation to the base portion, wherein the second context node includes information identified during the parsing of the annotation, wherein the annotation includes electronic ink data, and wherein the first context node and the second context node are arranged in a single hierarchical data structure representing data associated with the electronic document; and

linking the second context node with the first context node.

2. (Original) A method according to claim 1, wherein the first context node includes a member selected from the group of: a paragraph node, a line node, a word node, and a drawing node.

3. (Original) A method according to claim 1, wherein the first context node includes a member selected from the group of: a group node, a paragraph node, a line node, an ink word node, an electronic drawing node, an ink drawing node, a list node, a list item node, an electronic bullet node, an ink bullet node, an electronic text word node, an image node, a table node, a row node, and a cell node.

4. (Original) A method according to claim 3, wherein the second context node is selected from the group of: an unclassified ink node, a group node, a paragraph node, a line node, an ink word node, an ink drawing node, a list node, a list item node, an ink bullet node, a table node, a row node, and a cell node.

Claim 5. (Canceled).

6. (Previously Presented) A method according to claim 1, wherein the base portion includes at least one of electronic text, an image, a table, a list, a graph, a spreadsheet, a chart, or a drawing.

Claims 7-8. (Canceled).

9. (Currently Amended) A method according to claim ~~8~~ 1, wherein prior to parsing the annotation, the annotation includes at least one unclassified ink node.

10. (Original) A method according to claim 1, further comprising:

rendering the base portion and the annotation, wherein the annotation is located at a first position with respect to the base portion;

changing data associated with the base portion such that a location associated with the first context node changes to a second position; and

rendering the annotation and the base portion with the changed data, wherein the annotation is rendered at a third position with respect to the base portion at least in part based on the second position of the first context node.

Claim 11. (Canceled).

12. (Previously Presented) A method according to claim 1, wherein the first context node and the second context node share at least one common parent node.

13. (Original) A method according to claim 1, wherein data associated with the first context node and the second context node enable the electronic document to be rendered such that the annotation contains the first portion of the base document.

14. (Original) A method according to claim 1, wherein data associated with the first context node and the second context node enable the electronic document to be rendered such that the annotation underlines the first portion of the base document.

15. (Original) A method according to claim 1, wherein data associated with the first context node and the second context node enable the electronic document to be rendered such that the annotation strikes out the first portion of the base document.

16. (Original) A method according to claim 1, wherein data associated with the first context node and the second context node enable the electronic document to be rendered such that a first portion of the annotation points between a second portion of the annotation and the first portion of the base document.

17. (Original) A computer-readable medium including computer-executable instructions stored thereon for performing the method of claim 1.

18. (Previously Presented) A computer-implemented method for processing data including electronic ink data, comprising:

parsing a first data set containing data associated with a base document;

parsing a second data set that includes unclassified electronic ink data;

storing results from parsing the first data set and parsing the second data set as a data structure on a computer-readable medium, wherein the data structure includes context nodes associated with the first data set and the second data set in a single hierarchical arrangement; and

linking at least some portion of the second data set with at least some portion of the first data set.

19. (Original) A method according to claim 18, wherein parsing the first data set results in a first parsed data set containing a plurality of context nodes, wherein at least a first context node of the first parsed data set includes a member selected from the group of: a group node, a paragraph node, a line node, an ink word node, an electronic drawing node, an ink drawing node, a list node, a list item node, an ink bullet node, an electronic bullet node, a text word node, an image node, a table node, a row node, and a cell node.

20. (Original) A method according to claim 19, wherein parsing the second data set results in a second parsed data set containing a plurality of context nodes, wherein at least a first

context node of the second parsed data set includes a member selected from the group of: a group node, a paragraph node, a line node, an ink word node, an ink drawing node, a list node, a list item node, an ink bullet node, a table node, a row node, and a cell node.

21. (Original) A method according to claim 20, wherein during the linking, the first context node of the first parsed data set is linked with the first context node of the second parsed data set.

Claims 22-23. (Canceled).

24. (Previously Presented) A method according to claim 18, further comprising:

rendering the base document and the annotation, wherein the annotation is located at a first position with respect to the base document;

changing data associated with the base document such that a spatial location associated with the first data set changes to a second position; and

rendering the annotation and the base document with the changed data, wherein the annotation is rendered at a third position with respect to the base document at least in part based on the second position associated with the first data set.

Claim 25. (Canceled).

26. (Previously Presented) A method according to claim 18, wherein at least one context node associated with the first data set shares at least one common parent node with at least one context node associated with the second data set.

27. (Original) A computer-readable medium including computer-executable instructions stored thereon for performing the method of claim 18.

Claims 28-33. (Canceled).

34. (Currently Amended) A system, comprising:

an input for receiving electronic ink input data in an electronic document; and

a processor programmed and adapted to: (a) <u>parse at least a first portion of a base portion</u> <u>of the electronic document, (b)</u> create a first context node associated with <s>a</s> <u>the</u> first portion of <s>a</s> <u>the</u> base portion of the electronic document, <u>wherein the first context node includes information</u> <u>identified during the parsing of the first portion,</u> <s>(b)</s> <u>(c) parse an annotation to the base portion,</u> <u>(d)</u> create a second context node associated with <s>an</s> <u>the</u> annotation to the base portion, <u>wherein</u> <u>the second context node includes information identified during the parsing of the annotation,</u> wherein the annotation includes electronic ink data, and wherein the first context node and the second context node are arranged in a single hierarchical data structure representing data associated with the electronic document, and <s>(c)</s> <u>(e)</u> link the second context node with the first context node.

35. (Original) A system according to claim 34, wherein the first context node includes a member selected from the group of: a paragraph node, a line node, a word node, and a drawing node.

36. (Original) A system according to claim 34, wherein the first context node includes a member selected from the group of: a group node, a paragraph node, a line node, an ink word node, an electronic drawing node, an ink drawing node, a list node, a list item node, an electronic bullet node, an ink bullet node, an electronic text word node, an image node, a table node, a row node, and a cell node.

37. (Original) A system according to claim 36, wherein the second context node is selected from the group of: an unclassified ink node, a group node, a paragraph node, a line node, an ink word node, an ink drawing node, a list node, a list item node, an ink bullet node, a table node, a row node, and a cell node.

Claim 38. (Canceled).

39. (Previously Presented) A system according to claim 34, wherein the base portion includes at least one of electronic text, an image, a table, a list, a graph, a spreadsheet, a chart, or a drawing.

Claims 40-41. (Canceled).

42. (Currently Amended) A system according to claim 4+ 34, wherein prior to parsing the annotation, the annotation includes at least one unclassified ink node.

43. (Currently Amended) A system according to claim 34, wherein the processor is further programmed and adapted to: (d) (f) render the base portion and the annotation, wherein the annotation is located at a first position with respect to the base portion, (e) (g) receive input indicating a change in data associated with the base portion such that a location associated with the first context node changes to a second position, and (f) (h) render the annotation and the base portion with the changed data, wherein the annotation is rendered at a third position with respect to the base portion at least in part based on the second position of the first context node.

Claim 44. (Canceled).

45. (Original) A system according to claim 34, wherein the first context node and the second context node share at least one common parent node.

46. (Original) A system according to claim 34, wherein data associated with the first context node and the second context node enable the electronic document to be rendered such that the annotation contains the first portion of the base document.

47. (Original) A system according to claim 34, wherein data associated with the first context node and the second context node enable the electronic document to be rendered such that the annotation underlines the first portion of the base document.

48. (Original) A system according to claim 34, wherein data associated with the first context node and the second context node enable the electronic document to be rendered such that the annotation strikes out the first portion of the base document.

49. (Original) A system according to claim 34, wherein data associated with the first context node and the second context node enable the electronic document to be rendered such

that a first portion of the annotation points between a second portion of the annotation and the first portion of the base document.

50. (Previously Presented) A system, comprising:

an input for receiving electronic ink data; and

a processor programmed and adapted to: (a) parse a first data set containing data associated with a base document, (b) parse a second data set that includes unclassified electronic ink data, (c) store results from parsing the first data set and parsing the second data set as a data structure, wherein the data structure includes context nodes associated with the first data set and the second data set in a single hierarchical arrangement, and (d) link at least some portion of the second data set with at least some portion of the first data set.

51. (Original) A system according to claim 50, wherein the processor is programmed and adapted to parse the first data set to provide a first parsed data set containing a plurality of context nodes, wherein at least a first context node of the first parsed data set includes a member selected from the group of: a group node, a paragraph node, a line node, an ink word node, an electronic drawing node, an ink drawing node, a list node, a list item node, an ink bullet node, an electronic bullet node, a text word node, an image node, a table node, a row node, and a cell node.

52. (Original) A system according to claim 50, wherein the processor is programmed and adapted to parse the second data set to provide a second parsed data set containing a plurality of context nodes, wherein at least a first context node of the second parsed data set includes a member selected from the group of: a group node, a paragraph node, a line node, an ink word node, an ink drawing node, a list node, a list item node, an ink bullet node, a table node, a row node, and a cell node.

53. (Original) A system according to claim 52, wherein during the linking, the first context node of the first parsed data set is linked with the first context node of the second parsed data set.

Claims 54-55. (Canceled).

56. (Previously Presented) A system according to claim 50, wherein the processor is further programmed and adapted to: (e) render the base document and the annotation, wherein the annotation is located at a first position with respect to the base document, (f) receive input indicating a change in data associated with the base document such that a spatial location associated with the first data set changes to a second position, and (g) render the annotation and the base document with the changed data, wherein the annotation is rendered at a third position with respect to the base document at least in part based on the second position associated with the first data set.

Claim 57. (Canceled).

58. (Previously Presented) A system according to claim 50, wherein at least one context node associated with the first data set shares at least one common parent node with at least one context node associated with the second data set.

Claims 59-65. (Canceled).